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**IN THE CLAIMS:**

Please amend the claims as follows:

1. (currently amended) An apparatus, comprising:

an enclosure having a fluid inlet and a fluid outlet in fluid communication with the fluid inlet; and

a channel structure inside the enclosure between the inlet and the outlet defining a plurality of radial flow paths,

wherein an impingement point for cooling fluid in the enclosure is located at a position corresponding to an expected relatively hotter spot of a heat source.

2. (original) The apparatus of claim 1, wherein the enclosure

comprises a lid member and a base member, and wherein the channel structure comprises:

a plurality of cooling fins disposed between the lid member and the base member, the fins defining a set of channel walls which form radial flow paths from an impingement point radially outward to a perimeter of the enclosure.

3. (original) The apparatus of claim 2, wherein the impingement point is centrally located with respect to the fins.

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4. (original) The apparatus of claim 2, wherein the impingement point is offset from a central region of the fins.

5. (currently amended) The apparatus of claim 2, wherein the ~~impingement point is located at a position corresponding to an expected relatively hotter spot of a heat source channel walls provides a high fluid channel aspect ratio.~~

6. (currently amended) The apparatus of claim 1, wherein an ~~impingement point for cooling fluid in the enclosure is located at a position corresponding to an expected relatively hotter spot of a heat source the fluid inlet and the fluid outlet are co-located on the enclosure.~~

7. (currently amended) A method, comprising:  
providing an enclosure having a fluid inlet and a fluid outlet in fluid communication with the fluid inlet; and  
forming a channel structure inside the enclosure between the inlet and the outlet defining a plurality of radial flow paths; and  
locating an impingement point for cooling fluid in the enclosure at a position corresponding to an expected relatively hotter spot of a heat source.

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8. (original) The method of claim 7, wherein forming the channel structure comprises:

disposing a plurality of cooling fins disposed between a lid member and a base member, the fins defining a set of channel walls which form radial flow paths from an impingement point radially outward to a perimeter of the enclosure.

9. (original) The method of claim 8, further comprising:

locating the impingement point centrally with respect to the fins.

10. (original) The method of claim 8, further comprising:

offsetting the impingement point from a central region of the fins.

11. (currently amended) The method of claim 8, further comprising:

~~locating the impingement point at a position corresponding to an expected relatively hotter spot of a heat source~~

wherein the channel walls provides a high fluid channel aspect ratio.

12. (currently amended) The method of claim 7, further comprising:

~~locating an impingement point for cooling fluid in the enclosure at a position corresponding to an expected relatively hotter spot of a heat source~~

co-locating the fluid inlet and the fluid outlet on the enclosure.

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13. (currently amended) A system, comprising:  
an electronic component; and  
a cold plate thermally coupled to the electronic component, the cold plate comprising:

an enclosure having a fluid inlet and a fluid outlet in fluid communication with the fluid inlet; and

a channel structure inside the enclosure between the inlet and the outlet defining a plurality of radial flow paths,

wherein an impingement point for cooling fluid in the enclosure is located at a position corresponding to a relatively hotter spot of the electrical component.

14. (original) The system of claim 13, wherein the enclosure comprises a lid member and a base member, and wherein the channel structure comprises:  
a plurality of cooling fins disposed between the lid member and the base member, the fins defining a set of channel walls which form radial flow paths from an impingement point radially outward to a perimeter of the enclosure.

15. (original) The system of claim 14, wherein the impingement point is centrally located with respect to the fins.

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16. (original) The system of claim 14, wherein the impingement point is offset from a central region of the fins.

17. (currently amended) The system of claim 14, wherein the ~~impingement point is located at a position corresponding to a relatively hotter spot of the electronic component channel walls provides a high fluid channel aspect ratio.~~

18. (currently amended) The system of claim 13, wherein ~~an impingement point for cooling fluid in the enclosure is located at a position corresponding to a relatively hotter spot of the electrical component the fluid inlet and the fluid outlet are co-located on the enclosure.~~

19. (original) The system of claim 13, further comprising:  
a heat dissipation device coupled to the cold plate by a loop of tubing;  
cooling fluid disposed in the tubing; and  
a pump adapted to circulate the cooling fluid.

20. (original) The system of claim 19, further comprising:  
a fan adapted to provide cooling air to at least one of the heat dissipation device and the cold plate.